

**NEW YORK STATE DEPARTMENT OF HEALTH  
WADSWORTH CENTER**

**Antonia C. Novello, M.D., M.P.H., Dr.P.H. Commissioner**



**Expires: 12:01 AM April 01, 2003  
Issued September 24, 2002**

**CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE**

*Issued in accordance with and pursuant to section 502 Public Health Law of New York State*

**DR. DOUGLAS R. LAWSON  
URS CORPORATION  
5 INDUSTRIAL WAY  
SALEM NH 03079 USA**

**NY Lab Id No: 11020  
EPA Lab Code:**

**is hereby APPROVED as an Environmental Laboratory for the category  
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE  
All approved subcategories and/or analytes are listed below:**

**Miscellaneous**

**Asbestos in Friable Material**

**Method Not Specified**

**Serial No.: 17392**

**Property of the New York State Department of Health. Valid only at the address shown.  
Must be conspicuously posted. Valid certificates have a raised seal and may be  
verified by calling (516) 485-6570.**

**DOH-3317 (3/97)**

281

**NEW YORK STATE DEPARTMENT OF HEALTH  
WADSWORTH CENTER**

**Antonio C. Novello, M.D., M.P.H., Dr.P.H. Commissioner**



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**NY Lab Id No: 11020  
EPA Lab Code:**

**is hereby APPROVED as an Environmental Laboratory for the category  
ENVIRONMENTAL ANALYSES AIR AND EMISSIONS  
All approved subcategories and/or analytes are listed below:**

**Miscellaneous Air  
Fibers**

**Method Not Specified**

**Serial No.: 17393**

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**DOH-3317 (3/97)**

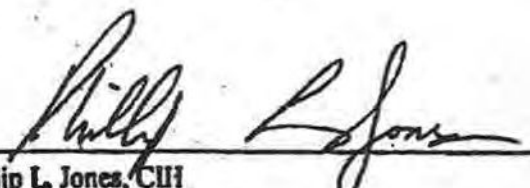
# Health & Safety Training

*This Certifies That*

**Marcus Marchan**

has completed 4 hours of Confined Space Entry training required under  
OSHA 29 CFR 1910.146



  
Phillip L. Jones, CHH  
Health and Safety Director

**URS**

Course Date:	August 27, 2002
Course Location:	Cranford, NJ
Serial Number:	02-243

UNCLAS 10/10/20

12/22/2002 FAX 1212 391 4585 20/01/21

**MUST BE CARRIED ON ASBESTOS PROJECTS**

**CERTIFICATE NUMBER**  
AH 02-0440B

**EXPIRES**

**SOCIAL SECURITY NUMBER**  
136-72-6458

<b>EYES</b> GRN	<b>HAIR</b> BRD
<b>WEIGHT</b> 145	<b>HEIGHT</b> 5' 8"

**ADDRESS CORRESPONDENCE TO:**  
(Include certificate number)  
NYS Department of Labor  
DOH - License and Certificate Unit  
PO Box 687, New York, NY 10014-0687

**084357C**

DUSH-442 (01/71)



STATE OF NEW YORK  
DEPARTMENT OF LABOR  
DIVISION OF SAFETY AND HEALTH

**ASBESTOS HANDLING CERTIFICATE**  
**AUTHORIZED CLASS**  
**D - INSPECTOR (12/02)**

**GEORGE V HOLDERIED**  
**37 SHERWOOD DRIVE**  
**NEW PROVIDENCE, NJ**

07974

**RICHARD CUCOLO, Director - For the Commissioner of Labor**

REG# 009047

**NAETI** National Asbestos  
& Environmental  
Training Institute

## Certificate of Completion

AHERA/EPA Accredited Per 40 CFR Part 763

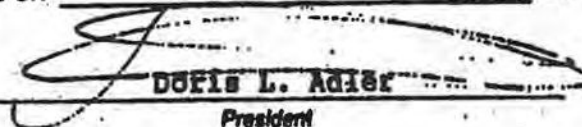
This is to certify that George V. Holderied S/S #136-72-6458

Successfully completed the course entitled 3-Day New York State/EPA/AHERA  
Asbestos Building Inspector Training Program

On February 18 - 20, 20 02

Examination passed on February 20, 20 02

February 20, 2003  
Expiration Date

  
DORIS L. Adler  
President

February 20, 2002  
Date

Per 10 NYCRR Part 73.2 (l) (1), DOH 2832 Certificate of Completion of Asbestos  
Safety Training is the only official record of training for N.Y.S. students.

Language: English 3321 Doris Avenue, Building B, Ocean, NJ 07712

(732) 631-5571  
ABIH 3 CM POINTS

**JW Rufolo's**  
**Institute for Occupational Safety and Health**

The Faculty  
in recognition of successful completion of  
the program of study required by  
OSHA 29 CFR 1910.120(e)(2)  
hereby confer upon  
**George V. Holderied**  
the Certification of  
**40 Hour Hazardous Waste Site Worker**  
Given at Edison in the State of New Jersey.

For the Faculty  
*Joseph W Rufolo*  
Joseph W Rufolo  
President & CEO



On this 26th  
day of  
July, 2001

JW Rufolo and Associates, Inc., Six Moyse Place, Edison, New Jersey 08820 ☎ (908) 757-5972

10293

PROFICIENCY ANALYTICAL TESTING (PAT) PROGRAM  
 INDIVIDUAL LABORATORY REPORT FOR ROUND 149  
 LAB ID=10293 MAY 8, 2002  
 SCILAB/NTC, NEW YORK, NY 10014

CONTAMINANT (MDL)	UNIT	SAMPLE NO.	REPORTED RESULTS	MEAN VALUES *	ACCEPTABLE RANGE <sup>†</sup>	Z & SCORE	LAB B PERFORMANCE	
					LOWER	UPPER		
ASBESTOS/FIBERS (ASL/MF)	(F/M2)	1	297.2000	294.0142	144.0670	496.8840	0.05	A
	(F/M2)	2	224.0000	269.9045	132.2532	456.1385	-0.80	A
	(F/M2)	3	351.0000	316.2344	154.9358	534.4394	0.34	A
	(F/M2)	4	47.0000	81.2469	39.8110	137.3073	-2.39	A

\* Mean values are the mean of all laboratories based on original scales except for asbestos. Asbestos results are calculated based on transformed data. Therefore, asbestos performance limits are not symmetrical to the mean values.  
<sup>†</sup> Upper limit: mean value + 3 standard deviations  
 Lower limit: mean value - 3 standard deviations  
 Z Score = (reported result - mean value) / standard deviation  
 A: Analysis acceptable  
 R: Results > upper limit (Z > 3), not acceptable  
 L: Results < lower limit (Z < -3), not acceptable  
 Note: the acceptability of reported results is based on z-scores. This is why a reported result may appear acceptable according to performance limits, but be identified as an outlier.



**STATE OF NEW YORK  
DEPARTMENT OF HEALTH**

Wadsworth Center

The Governor Nelson A. Rockefeller Empire State Plaza

P.O. Box 509

Albany, New York 12201-0509

Arionis G. Novello, M.D., M.P.H., Dr.P.H.  
Commissioner

Dennis P. Whalen  
Executive Deputy Commissioner

**JUN 28 2002**

Dear Laboratory Director:

Enclosed are the ELAP and/or NELAP Certificate(s) of Approval for permit year 2002-2003, issued to your environmental laboratory. The Certificate(s) supersede any previously issued and are in effect through March 31, 2003. Please carefully examine the Certificate(s) to insure that the category(ies), subcategory(ies), analyte(s) and method(s) for which your laboratory is approved are listed correctly, as well as verifying your laboratory's name, address, director and identification number.

Please note that pursuant to Section 55-2.5(a) NYCRR, any misrepresentation of the analytes or subcategories for which your laboratory is approved may result in suspension, limitation or termination of said certification.

The National Environmental Laboratory Accreditation Conference (NELAC) further defines and limits the use of NELAP accreditation and the NELAP logo.

Please notify this office of any corrections required. We may be reached at (518) 485-5570.

Sincerely,

Linda L. Madlin  
Administrative Assistant  
Environmental Laboratory  
Approval Program

LLM:mes  
Encs.

288

**NEW YORK STATE DEPARTMENT OF HEALTH  
WADSWORTH CENTER**  
Antonio C. Novello, M.D., M.P.H., Dr.P.H. Commissioner



Expires 12:01 AM April 01, 2003  
Issued June 28, 2002

**CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE**  
*Issued in accordance with and pursuant to section 802 Public Health Law of New York State*

**MR. PAUL MUCHA  
SCIENTIFIC LABORATORIES INC-NEW YORK CITY  
117 EAST 30TH ST  
NEW YORK NY 10016 USA**

**NY Lab Id No: 11480  
EPA Lab Code: NY01378**

*is hereby APPROVED as an Environmental Laboratory for the category  
ENVIRONMENTAL ANALYSES POTABLE WATER  
All approved subcategories and/or analytes are listed below:*

**Drinking Water Miscellaneous  
Asbestos**

**EPA 100.1**

**Serial No.: 16077**

Property of the New York State Department of Health. Valid only at the address shown.  
Must be conspicuously posted. Valid certificates have a raised seal and may be  
verified by calling (516) 495-5577.

**DOH-3317 (3/97)**

**NEW YORK STATE DEPARTMENT OF HEALTH  
WADSWORTH CENTER**

**Antonio C. Novello, M.D., M.P.H., Dr.P.H. Commissioner**



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117 EAST 30TH ST  
NEW YORK NY 10016 USA**

**NY Lab Id No: 11480  
EPA Lab Code: NY01378**

**is hereby APPROVED as an Environmental Laboratory for the category  
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE  
All approved subcategories and/or analytes are listed below:**

**Miscellaneous**

**Asbestos in Friable Material EPA 600/4-82/020  
Asbestos in Non-Friable Mater ITEM 198.4 OF MANUAL**

**Serial No.: 16078**

Property of the New York State Department of Health. Valid only at the address shown.  
Must be conspicuously posted. Void certificates have a raised seal and may be  
verified by calling (516) 485-5570.

**DOH-3317 (2/87)**



UNITED STATES DEPARTMENT OF COMMERCE  
National Institute of Standards and Technology  
Gaithersburg, Maryland 20888

May 23, 2002

Mr. Lance Tuckruskye  
Scientific Laboratories, Inc.  
117 E. 30th Street  
New York, NY 10016

NVLAP Lab Code: 200546-0

Dear Mr. Tuckruskye:

I am pleased to inform you that continuing accreditation for specific test methods in Bulk Asbestos Fiber Analysis (PLM) is granted to your organization under the National Voluntary Laboratory Accreditation Program (NVLAP). This accreditation is effective until June 30, 2003, provided that your organization continues to comply with accreditation requirements contained in the NVLAP Procedures.

Your Certificate of Accreditation is enclosed along with a statement of your Scope of Accreditation. You may reproduce these documents in their entirety and announce your organization's accreditation status using the NVLAP logo in business publications, the trade press, and other business-oriented literature. Accreditation does not relieve your organization from observing and complying with any applicable existing laws and/or regulations.

We are pleased to have you participate in NVLAP and look forward to your continued association with this program. If you have any questions concerning your NVLAP accreditation, please direct them to Thomas R. Davis, Sr. Program Manager, Laboratory Accreditation Program, National Institute of Standards and Technology, 100 Bureau Dr. Stop 2140, Gaithersburg, MD 20899-2140; (301) 975-4016.

Sincerely,

*David F. Alderman*

David F. Alderman, Chief  
Laboratory Accreditation Program

Enclosure(s)

**NIST**

National Institute  
of Standards and Technology



National Voluntary  
Laboratory Accreditation Program

ISO/IEC GUIDE 25:1990  
ISO 9002:1987

## Scope of Accreditation



Page: 1 of 1

**AIRBORNE ASBESTOS FIBER ANALYSIS**

**NVLAP LAB CODE 200546-0**

**SCIENTIFIC LABORATORIES, INC.**

117 E. 30th Street

New York, NY 10016

Mr. Lance Tuckruskye

Phone: 212-679-8600 Fax: 212-679-2711

E-Mail: ltuckruskye@scilabs.com

**NVLAP Code**

18/A02

**Designation**

U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

June 30, 2003

Effective through

*David F. Alderman*

For the National Institute of Standards and Technology

United States Department of Commerce  
National Institute of Standards and Technology



ISO/IEC GUIDE 25:1990  
ISO 9002:1987

Certificate of Accreditation



SCIENTIFIC LABORATORIES, INC.  
NEW YORK, NY

*Is recognized under the National Voluntary Laboratory Accreditation Program for satisfactory compliance with criteria established in Title 15, Part 285 Code of Federal Regulations. These criteria encompass the requirements of ISO/IEC Guide 25 and the relevant requirements of ISO 9002 (ANSI/ASQC Q92-1987) as suppliers of calibration or test results. Accreditation is awarded for specific services, listed on the Scope of Accreditation for:*

**AIRBORNE ASBESTOS FIBER ANALYSIS**

June 30, 2003

Effective through

*David F. Alderman*

For the National Institute of Standards and Technology

NVLAP Lab Code: 200546-0

National Institute  
of Standards and Technology



National Voluntary  
Laboratory Accreditation Program

ISO/IEC GUIDE 25:1990  
ISO 9002:1987

## Scope of Accreditation



Page: 1 of 1

**BULK ASBESTOS FIBER ANALYSIS**

**NVLAP LAB CODE 200546-0**

**SCIENTIFIC LABORATORIES, INC.**

117 E. 30th Street

New York, NY 10016

Mr. Lance Tuckruskye

Phone: 212-679-8600 Fax: 212-679-2711

E-Mail: ltuckruskye@scilabs.com

*NVLAP Code*

*Designation*

18/A01

EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk  
Insulation Samples

June 30, 2003

Effective through

*David F. Alderman*

For the National Institute of Standards and Technology

United States Department of Commerce  
National Institute of Standards and Technology



ISO/IEC GUIDE 25:1990  
ISO 9002:1987

Certificate of Accreditation



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**BULK ASBESTOS FIBER ANALYSIS**

June 30, 2003

Effective through

*David F. Alderman*

For the National Institute of Standards and Technology  
NVLAP Lab Code: 200546-0

**NEW YORK STATE DEPARTMENT OF HEALTH  
WADSWORTH CENTER  
Commissioner**



**Expires 12:01 AM Apr-01-2003  
Issued Jun-28-2002**

**CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE**  
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**MR. PAUL MUCHA  
SCIENTIFIC LABORATORIES INC-NEW YORK CITY  
117 EAST 30TH ST  
NEW YORK NY USA**

**NY Lab Id No: 11480  
EPA Lab Code: NY01378**

**Is hereby APPROVED as an Environmental Laboratory for the category  
ENVIRONMENTAL ANALYSES AIR AND EMISSIONS  
All approved subcategories and/or analytes are listed below:**

**Miscellaneous Air**

**Asbestos**

**40 CFR APX A No. III  
YAMKTE, AGARWAL GIBB**

**Fibers**

**40 CFR 763.121 APX B  
NIOSH 7400 A RULES**

**Serial No.: 16079**

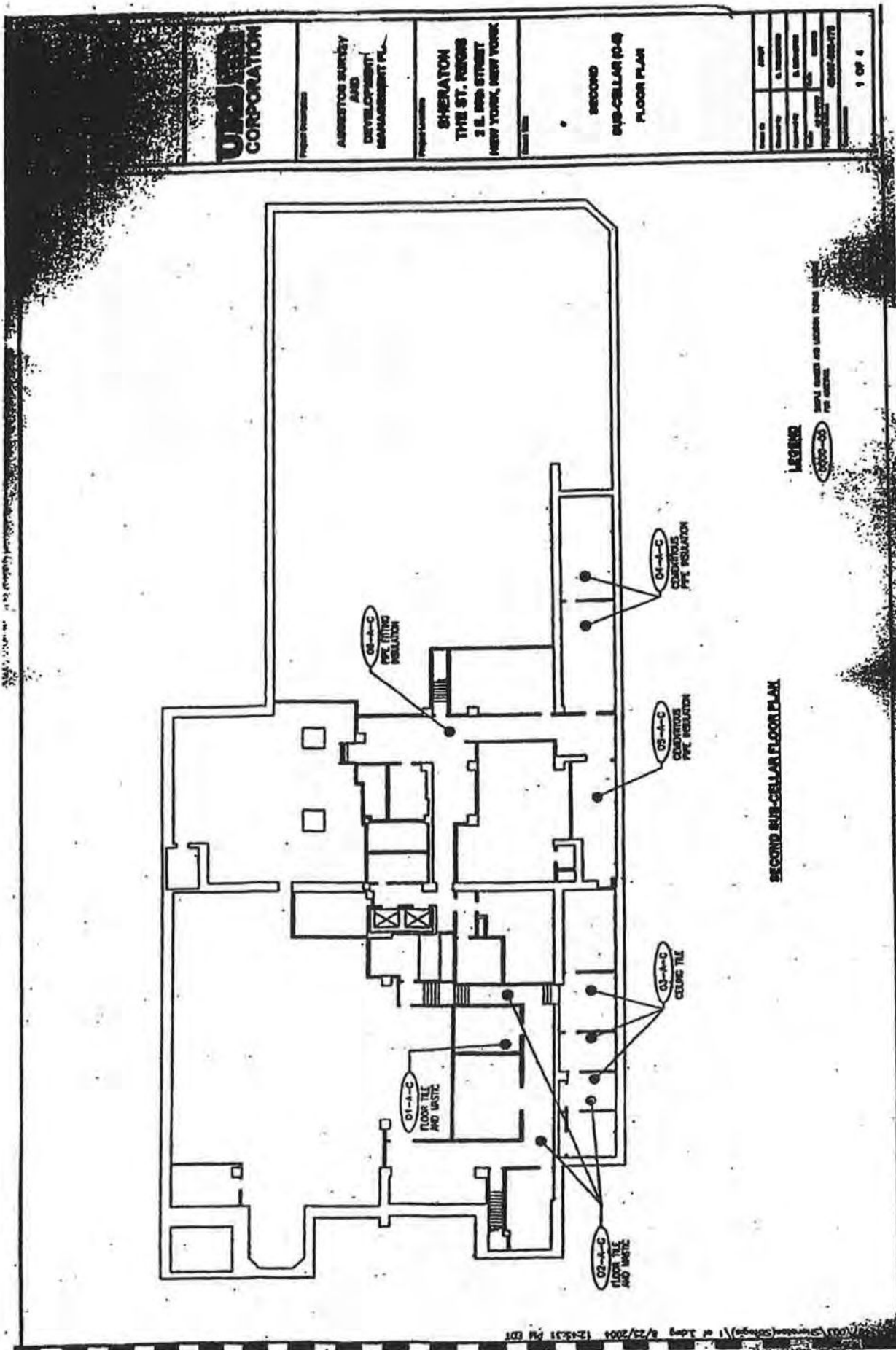
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**DOH-3377 (3/97)**

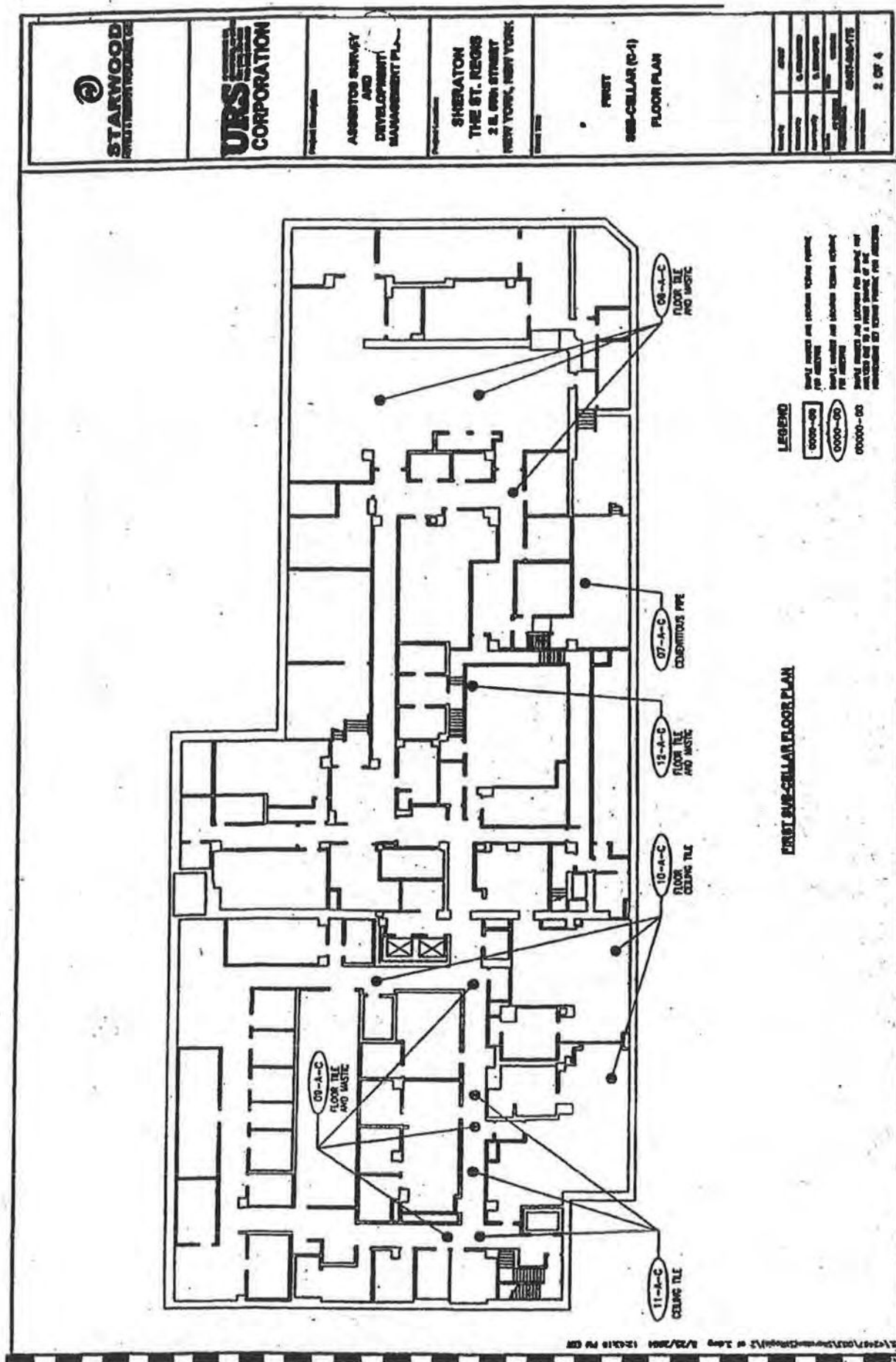




**APPENDIX D**  
**DRAWINGS**

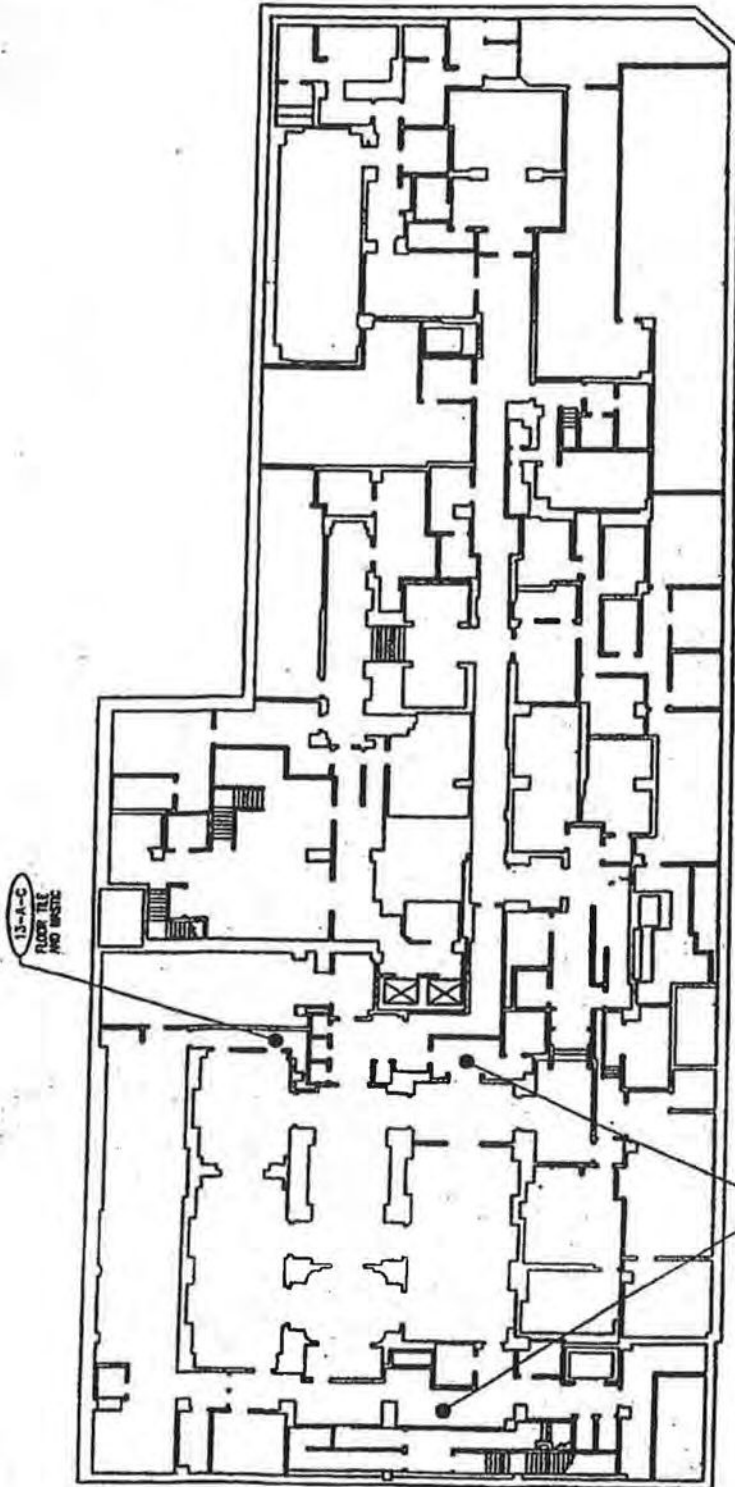




10/10/2020 12:13:31 PM EDT



 <b>STARWOOD</b> HOTELS & RESORTS WORLDWIDE	 <b>URS</b> <small>CONSULTANTS IN ARCHITECTURE ENGINEERING AND ENVIRONMENTAL SCIENCE</small> <b>CORPORATION</b>	PROJECT DESCRIPTION  ASBESTOS SURVEY AND DEVELOPMENT MANAGEMENT PLAN	PROJECT LOCATION  SHERATON THE ST. REGIS 38 E. 89th STREET NEW YORK, NEW YORK	SHEET NO.  .	CELLAR  FLOOR  PLAN	DRAWN BY DESIGNED BY ENGINEERED BY TITLE PROJECT NO.	JAMES G. HARRIS G. HARRIS DATE 05/07/05-178	SHEET NO. 3 OF 4
						COMMENTS		



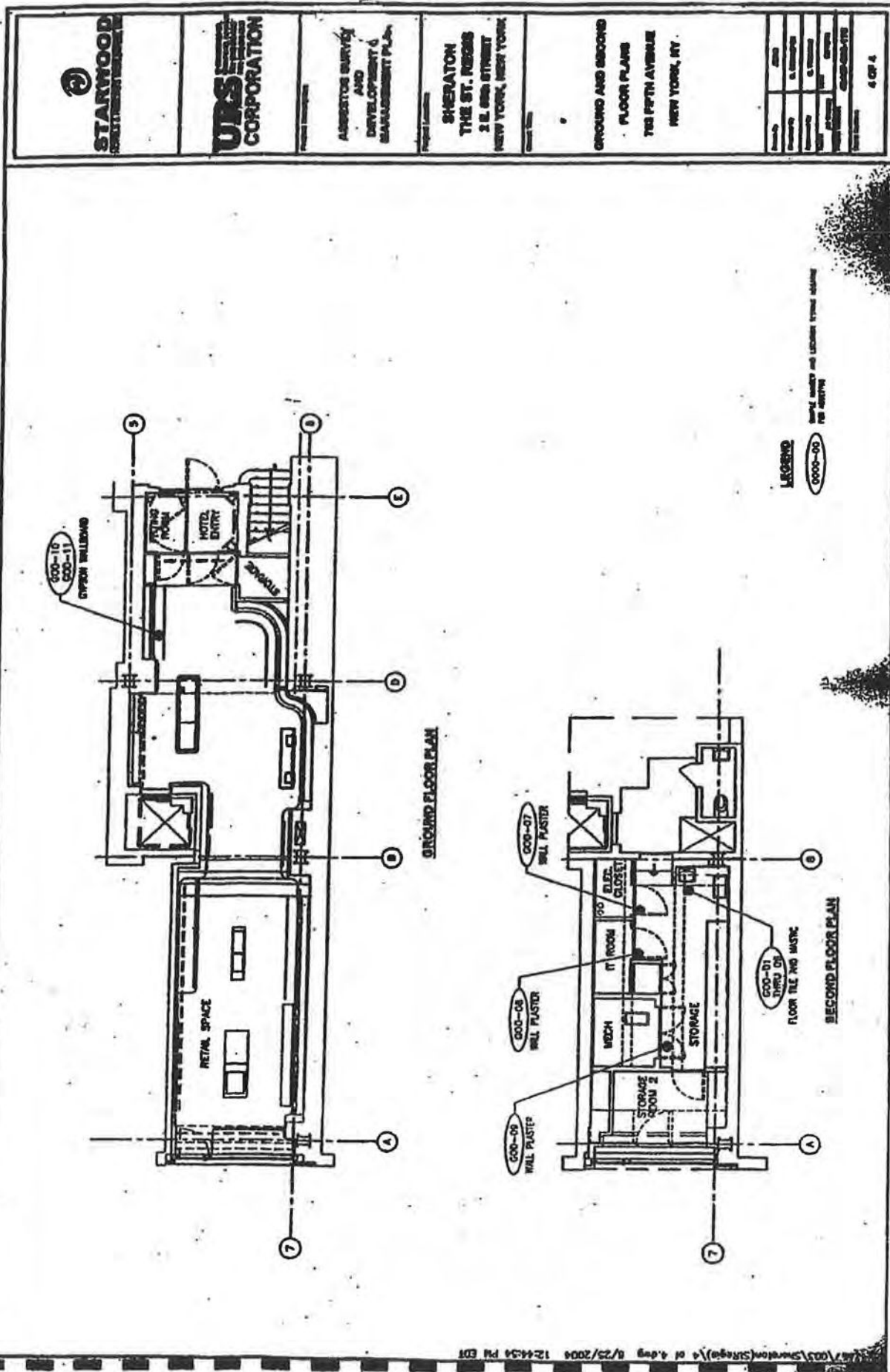
**CELLAR FLOOR PLAN**

**043071**

00-0000

13-A-C  
FLOOR TILE  
AND MASTIC

13-A-C  
FLOOR TILE  
AND MASTIC



**APPENDIX E**  
**ASBESTOS SURVEY, SAMPLING AND**  
**ANALYTICAL PROTOCOL**



## **APPENDIX E**

### **ASBESTOS SURVEY, SAMPLING AND ANALYTICAL PROTOCOL**

#### **SURVEY PROTOCOL**

The scope of work for the asbestos survey included the following:

- Accessible building areas were visually inspected to assess the location of suspect ACM.
- Survey data were compiled and reported by functional area.
- Homogeneous materials, including both friable and non-friable suspect ACM's, were quantified.
- Suspect ACM was sampled following the protocol detailed in the Bulk Sampling Protocol section of this appendix.

#### **BULK SAMPLING PROTOCOL**

During the survey, bulk samples of suspect ACM were collected for laboratory analysis. The bulk samples were collected and categorized according to the homogeneous building material being evaluated. The URS survey team designated homogeneous building materials. Once suspect homogeneous materials were identified, bulk samples were collected in accordance with the EPA protocol as outlined in the Asbestos Hazard Emergency Response Act (AHERA) regulations. If a single sample of a homogeneous material was found to contain asbestos, then that homogeneous material was identified as containing asbestos throughout the buildings. Sampling techniques generally involved one of two different sampling procedures.

1. Core samples were collected from certain materials, such as roofing materials, pipe insulation or boiler insulation, to sample these potentially multi-layered materials. Disposable core boring devices were used for this purpose to minimize potential cross contamination of samples.
2. Floor tile, wallboard, and similar materials were sampled by breaking off a portion of the material at an inconspicuous location.

Samples were given a unique sample number, which included the project number, and were placed in sample containers for transportation to URS Corporation's laboratory or other certified laboratory for analysis. The location of each sample was noted on the field data sheets. Information regarding the sample location was also entered onto the URS Corporation's chain-of-custody form. The quantity and location of each material was recorded on URS Corporation's field data sheets.

## **ANALYTICAL PROTOCOL**

Samples collected during this asbestos survey were transported to the URS Corporation laboratory or other certified laboratory for microscopic analysis. URS may also utilize a local New York City laboratory, Scientific Laboratories, which is also certified by NVLAP. Samples were analyzed following the EPA-recommended method of bulk sample analysis by polarized light microscopy with dispersion staining.

Sample results were reported either as "no asbestos detected" (NAD) if no asbestos was found, NA if not analyzed, or by type and percent composition if any form of asbestos was observed. EPA recognizes a level of greater than one-percent asbestos by weight content as the minimum level for requiring a material to be classified as asbestos containing. The identification of the presence or absence of asbestos in a material involves several specific analytical procedures. The percentage composition, on the other hand, is simply a visual approximation on the part of the analyst and may vary based on the way the sample slide was prepared and the specific analyst performing the identification.

## **POLARIZED LIGHT MICROSCOPY ANALYTICAL METHOD**

Polarized light microscopy is the only analytical method for asbestos identification which depends upon the unique optical crystallographic properties of the various crystal phases in the sample. These properties—refractive indices, dispersion of refractive indices, birefringence, sign of elongation and extinction angle are unique to the crystalline state and, therefore, unequivocally identify chrysotile, lizardite, antigorite, anthophyllite, tremolite, actinolite, grunerite, cummingtonite, and riebeckite whether fibrous or non-fibrous.

Polarized Light Microscopy (PLM) includes the classical optical crystallographic methods and the more recent dispersion staining procedures. Dispersion staining is, in effect, just a way of using optical crystallography for the study of transparent particles. It supplements the classical methods and, in some cases, makes the use of PLM for the study of crystals easier.

### Lead Paint Report



## **Lead-Based Paint Survey**

### **Performed for:**

**Starwood Hotels and Resorts Worldwide, Inc.  
1111 Westchester Avenue  
White Plains, NY 10604-3500**

### **Conducted at:**

**St. Regis Hotel  
Floors 8, 9, 10 & 11  
2 East 55<sup>th</sup> Street at 5<sup>th</sup> Avenue  
New York, NY 10022**

**May 31, 2005**

**AEI Project # 2389-6613**

**REPORT PREPARED BY:**



**ATLANTIC  
ENVIRONMENTAL  
INCORPORATED**

**OFFICES - DOVER, NJ • ATLANTA • CHICAGO**





**ATLANTIC  
ENVIRONMENTAL**

## **Lead-Based Paint Survey**

### **Performed for:**

**Starwood Hotels and Resorts Worldwide, Inc.  
1111 Westchester Avenue  
White Plains, NY 10604-3500**

### **Conducted at:**

**St. Regis Hotel  
Floors 8, 9, 10 & 11  
2 East 55<sup>th</sup> Street at 5<sup>th</sup> Avenue  
New York, NY 10022**

**May 31, 2005**

**AEI Project # 2389-6613**





Starwood Hotels and Resorts Worldwide, Inc.  
5<sup>th</sup> Avenue Hotel Suite, LLC  
SLT Realty Limited Partnership  
1111 Westchester Avenue  
White Plains, NY 10604-3500

Lead-Based Paint Survey  
May 31, 2005  
AEI Project # 2389-6613

## **1.0 EXECUTIVE SUMMARY**

One hundred percent (100%) of the painted surfaces tested on the eighth (8<sup>th</sup>), ninth (9<sup>th</sup>), tenth (10<sup>th</sup>) and eleventh (11<sup>th</sup>) floors in the St. Regis Hotel located at 2 East 55<sup>th</sup> Street at 5<sup>th</sup> Avenue, New York, NY were found to be negative for lead. All painted surfaces were intact.

## **2.0 INTRODUCTION**

Atlantic Environmental, Inc. (AEI) was retained by Mr. Seth Ruzi, Vice President and Associate General Counsel of Starwood Hotels and Resorts Worldwide, Inc. to conduct the survey. The purpose of the survey was to determine the presence of lead-based paint in surfaces on the eighth (8<sup>th</sup>), ninth (9<sup>th</sup>), tenth (10<sup>th</sup>) and eleventh (11<sup>th</sup>) floors in the St. Regis Hotel.

Accessible painted surfaces inside the tested areas of the hotel were assessed. No other surfaces/materials were assessed as part of the survey. The survey was conducted by Atlantic Environmental, Inc. representative, Mr. David Behar, a New Jersey Lead Inspector/Risk Assessor.



Starwood Hotels and Resorts Worldwide, Inc.  
5<sup>th</sup> Avenue Hotel Suite, LLC  
SLT Realty Limited Partnership  
1111 Westchester Avenue  
White Plains, NY 10604-3500

Lead-Based Paint Survey  
May 31, 2005  
AEI Project # 2389-6613

### **3.0 INSTRUMENTATION**

The instrument used for sampling was a NITON X-Ray Fluorescent Analyzer capable of reading both K&L Shell X-Rays and giving readouts in  $\text{mg}/\text{cm}^2$ . The analyzer is calibrated at the factory and no field adjustments are possible due to the radioactive source.

However, before and after calibration check, readings are made against known ASTM (American Society of Testing and Materials) Standards (Concentrations of Lead in Paint).

The unit is set to read positive for lead-based paint when concentrations of  $1.0 \text{ mg}/\text{cm}^2$  or above are noted. This number is the only "standard" in use; and is promulgated by HUD (Housing and Urban Development) as the criteria for acceptable lead-based paints concentration in housing and public buildings. The HUD guidelines are considered the reference level. There are no other standards or guidelines for concentrations of lead-based paint.

### **4.0 OBSERVATIONS**

The Lead-Based Paint Survey conducted at the St. Regis Hotel consisted of four (4) floors. Tested surfaces were comprised of drywall, wood, plaster and metal. A majority of the interior walls consisted of drywall. The doors, windowsills and baseboards were mainly wood-based. Most of the surfaces were painted.



Starwood Hotels and Resorts Worldwide, Inc.  
5<sup>th</sup> Avenue Hotel Suite, LLC  
SLT Realty Limited Partnership  
1111 Westchester Avenue  
White Plains, NY 10604-3500

Lead-Based Paint Survey  
May 31, 2005  
AEI Project # 2389-6613

Representative testing was performed on accessible painted surfaces in accordance with the United States Department of Housing and Urban Development Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing.

#### **5.0 CONDITION ASSESSMENT**

All surfaces contained lead were assessed for the materials' condition at the time of the survey. The condition assessment was based on the United States Department of Housing and Urban Development Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing. All painted surfaces were in excellent condition.



Starwood Hotels and Resorts Worldwide, Inc.  
 5<sup>th</sup> Avenue Hotel Suite, LLC  
 SLT Realty Limited Partnership  
 1111 Westchester Avenue  
 White Plains, NY 10604-3500

Lead-Based Paint Survey  
 May 31, 2005  
 AEI Project # 2389-6613

The following categories were used for condition assessment and can be found in Appendix A wherever lead was encountered:

Building Component	Percentage of Deteriorated Lead-Based Paint on Component		
	Entire surface is intact	Fair	Poor
Exterior components with large surface areas	Entire surface is intact	Less than or equal to 10 square feet	More than 10 square feet
Interior components with large surface areas (walls, ceilings, floors, doors)	Entire surface is intact	Less than or equal to 2 square feet	More than 2 square feet
Interior and exterior components with small surface areas (windowsills, baseboards, soffits, trim)	Entire surface is intact	Less than or equal to 10% of the total surface area of the component	More than 10% of the total surface area of the component

<sup>1</sup>Building component in this table refers to each *individual* component or side of the building, *not* the combined surface area of all similar components in a room (e.g., a wall with 1 square foot of deteriorated paint is in "fair" condition, even if the other three walls in a room are intact).

<sup>2</sup>Surfaces in "fair" condition should be repaired and/or monitored, but are not considered to be "lead-based paint hazards" as defined in Title X.

<sup>3</sup>Surfaces in "poor" condition are considered to be "lead-based paint hazards" as defined in Title X and should be addressed through abatement or interim controls.



Starwood Hotels and Resorts Worldwide, Inc.  
5<sup>th</sup> Avenue Hotel Suite, LLC  
SLT Realty Limited Partnership  
1111 Westchester Avenue  
White Plains, NY 10604-3500

Lead-Based Paint Survey  
May 31, 2005  
AEI Project # 2389-6613

## 6.0 RECOMMENDATIONS

Atlantic Environmental, Inc. recommends no further action at this time. It is important, however, to monitor painted surfaces in areas that have not been tested.

Report Prepared By:

David Behar  
New Jersey Lead Inspector/Risk Assessor

Report Reviewed By:

Robert E. Sheriff, CIH, CSP  
CEO



**Starwood Hotels and Resorts Worldwide, Inc.  
5<sup>th</sup> Avenue Hotel Suite, LLC  
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**Lead-Based Paint Survey  
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## **Appendix A**

### **XRF Readings**

**Lead Identification Survey****Page #1 Location: St. Regis Hotel Date: May 31, 2005 Inspector: David Behar AEI Project # 2389-6613**

Sample ID	Site (Bldg)	Floor	Room	Room Name	Site	Component / Material / Color	Calibration	Pre-Calibration
1						Nist Card	Positive 1.2 + 0.1	Pre-Calibration
2						Nist Card	Positive 1.0 + 0.1	Pre-Calibration
3						Nist Card	Positive 1.1 + 0.1	Pre-Calibration
4	St. Regis	11	1103	Living Room	A	Wall-Drywall-Beige	Intact-Negative 0.1	
5	St. Regis	11	1103	Living Room	B	Wall-Drywall-Beige	Intact-Negative 0.0	
6	St. Regis	11	1103	Living Room	C	Wall-Drywall-Beige	Intact-Negative 0.0	
7	St. Regis	11	1103	Living Room	A	Baseboard-Wood-Beige	Intact-Negative 0.0	
8	St. Regis	11	1103	Living Room	C	Baseboard-Wood-Beige	Intact-Negative 0.0	
9	St. Regis	11	1103	Living Room	C	Window-Drywall-Beige	Intact-Negative 0.1	
10	St. Regis	11	1103	Living Room	C	Window-Drywall-Beige	Intact-Negative 0.2	
11	St. Regis	11	1103	Living Room	N/A	Ceiling-Drywall-Beige	Intact-Negative 0.0	
12	St. Regis	11	1103	Hallway	D	Door Casing-Wood-Beige	Intact-Negative 0.0	
13	St. Regis	11	1103	Hallway	C	Wall-Drywall-Beige	Intact-Negative 0.0	
14	St. Regis	11	1103	Hallway	D	Wall-Drywall-Beige	Intact-Negative 0.0	
15	St. Regis	11	1103	Hallway	C	Baseboard-Wood-Beige	Intact-Negative 0.0	
16	St. Regis	11	1103	Hallway	A	Door-Wood-Beige	Intact-Negative 0.0	
17	St. Regis	11	1103	Hallway	D	Air Intake Grate-Metal-Beige	Intact-Negative 0.0	
18	St. Regis	11	1103	Hallway	A	Door-Wood-Beige	Intact-Negative 0.0	
19	St. Regis	11	1103	Hallway	A	Bathroom Door-Wood-Beige	Intact-Negative 0.0	
20	St. Regis	11	1103	Hallway	A	Bathroom Door Trim-Wood-Beige	Intact-Negative 0.0	

Lead Identification Survey

Page #2 Location: St. Regis Hotel Date: May 31, 2005 Inspector: David Behar AEI Project # 2389-6613

Sample ID	Site (Bldg)	Floor	Room	Room Name	Site	Component / Material / Color	Condition	Notes
21	St. Regis	11	1103	Bed Room	B	Wall-Drywall-Beige	Intact-Negative 0.0	
22	St. Regis	11	1103	Bed Room	C	Wall- Drywall-Beige	Intact-Negative 0.0	
23	St. Regis	11	1103	Bed Room	B	Baseboard-wood-Beige	Intact-Negative 0.0	
24	St. Regis	11	1103	Bed Room	D	Baseboard-Wood-Beige	Intact-Negative 0.0	
25	St. Regis	11	1103	Bed Room	D	Window Sill-Wood-Beige	Intact-Negative 0.0	
26	St. Regis	11	1103	Bed Room	D	Window-Drywall-Beige	Intact-Negative 0.0	
27	St. Regis	11	1103	Bed Room	A	Door-Wood-Beige	Intact-Negative 0.0	
28	St. Regis	11	1103	Closet bth/bed	B	Wall-Drywall-Beige	Intact-Negative 0.0	
29	St. Regis	11	1103	Closet bth/bed	D	Wall-Drywall-Beige	Intact-Negative 0.0	
30	St. Regis	11	1103	Closet bth/bed	D	Window Sill-Wood-Beige	Intact-Negative 0.0	
31	St. Regis	11	1103	Closet bth/bed	C	Wall Unit w/safe-Wood-Beige	Intact-Negative 0.0	
32	St. Regis	11	1103	Closet bth/bed	D	Baseboard-Wood- Beige	Intact-Negative 0.0	
33	St. Regis	11	1103	Bath Room	C	Toilet Trim-Wood-Beige	Intact-Negative 0.0	Wall paper in bath.
34	St. Regis	11	1103	Bath Room	B	Window Sill-Wood-Beige	Intact-Negative 0.0	
35	St. Regis	11	1101	Hallway A	B	Wall-Drywall-Beige	Intact-Negative 0.0	
36	St. Regis	11	1101	Hallway A	D	Wall-Drywall-Beige	Intact-Negative 0.0	
37	St. Regis	11	1101	Hallway A	B	Baseboard-Wood-Beige	Intact-Negative 0.0	
38	St. Regis	11	1101	Hallway A	A	Door-Wood-Beige	Intact-Negative 0.0	
39	St. Regis	11	1101	Hallway A	A	Door Jam-Wood-Beige	Intact-Negative 0.0	
40	St. Regis	11	1101	Hallway A/B	D/A	Archway Casing-Wood-Beige	Intact-Negative 0.0	

Lead Identification Survey

Page #3 Location: St. Regis Hotel Date: May 31, 2005 Inspector: David Behar AEI Project # 2389-6613

Sample ID	Site (Bldg)	Floor	Room	Room Detail	Site	Component - Material - Color	Result	Notes
41	St. Regis	11	1101	Hallway B	D	Air grate-Metal-Beige	Intact-Negative 0.0	
42	St. Regis	11	1101	Hallway B	B	Baseboard-Wood-Beige	Intact-Negative 0.0	
43	St. Regis	11	1101	Hallway B	B	Pantry Cabinet-Wood-Beige	Intact-Negative 0.0	
44	St. Regis	11	1101	Hallway B	B	Pantry Doors-Wood-Beige	Intact-Negative 0.0	
45	St. Regis	11	1101	Living Area	B	Wall-Drywall-Beige	Intact-Negative 0.0	
46	St. Regis	11	1101	Living Area	C	Wall-Drywall-Beige	Intact-Negative 0.0	
47	St. Regis	11	1101	Living Area	D	Baseboard-Wood-Beige	Intact-Negative 0.0	
48	St. Regis	11	1101	Living Area	C	Window Sill-Wood-Beige	Intact-Negative 0.0	
49	St. Regis	11	1101	Living Area	D	Wall Trim-Wood-Beige	Intact-Negative 0.0	
50	St. Regis	11	1101	Hallway B	-	Ceiling-Drywall-White	Intact-Negative 0.0	
51	St. Regis	11	1101	Bathroom A	C	Wall Trim-Wood-Beige	Intact - Negative 0.0	Right side of hall.
52	St. Regis	11	1101	Bathroom A	C	Window sill-Drywall-Beige	Intact - Negative 0.0	Wall paper in bath.
53	St. Regis	11	1101	Bathroom A	A	Door-Wood-Beige	Intact - Negative 0.0	
54	St. Regis	11	1101	Bathroom A	A	Door Jam-Wood-Beige	Intact - Negative 0.0	
55	St. Regis	11	1101	Bathroom B	C	Wall Trim-Wood-Beige	Intact-Negative 0.0	Left side of hall.
56	St. Regis	11	1101	Bathroom B	A	Door-Wood-Beige	Intact-Negative 0.0	Wall paper in bath.
57	St. Regis	11	1101	Bedroom	A	Wall-Drywall-Beige	Intact-Negative 0.0	
58	St. Regis	11	1101	Bedroom	D	Wall-Drywall-Beige	Intact-Negative 0.0	
59	St. Regis	11	1101	Bedroom	B	Window Trim-Wood-Beige	Intact-Negative 0.0	
60	St. Regis	11	1101	Bedroom	A	Entertainment Cent-Wood-Beige	Intact-Negative 0.0	

**Lead Identification Survey****Page #4 Location: St. Regis Hotel Date: May 31, 2005 Inspector: David Behar AEI Project # 2389-6613**

Sample ID #	Site	Floor	Room	Room Name	Surf	Condition: Material/Finish	Result	
61	St. Regis	11	1101	Bedroom	B	Wall-Drywall-Beige	Intact-Negative 0.0	
62	St. Regis	11	1101	Bedroom	B	Baseboard-Wood-Beige	Intact-Negative 0.0	
63	St. Regis	11	1108	Bedroom	A	Wall-Drywall-Beige	Intact-Negative 0.0	
64	St. Regis	11	1108	Bedroom	B	Wall-Bedroom-Beige	Intact-Negative 0.0	
65	St. Regis	11	1108	Bedroom	D	Window Sill-Wood-Beige	Intact-Negative 0.0	
66	St. Regis	11	1108	Bedroom	D	Baseboard-Wood-Beige	Intact-Negative 0.0	
67	St. Regis	11	1108	Bedroom	A	Door-Wood-Beige	Intact-Negative 0.0	
68	St. Regis	11	1108	Bedroom	-	Ceiling Soffit-Plaster-White	Intact-Negative 0.0	
69	St. Regis	11	1108	Bathroom	C	Window Sill-Wood-Beige	Intact-Negative 0.0	Wall paper in bath.
70	St. Regis	11	1108	Bathroom	B	Wall Trim-wood-Beige	Intact-Negative 0.0	
71	St. Regis	11	1108	Bathroom	A	Door-Wood-Beige	Intact-Negative 0.0	
72	St. Regis	11	1108	Bathroom	A	Door Jam-Wood-Beige	Intact-Negative 0.0	
73	St. Regis	11	1108	Hallway	A	Door-Wood-Beige	Intact-Negative 0.0	
74	St. Regis	11	1108	Hallway	-	Ceiling-Drywall-White	Intact-Negative 0.0	
75	St. Regis	11	1116	Hallway	A	Door-Wood-Beige	Intact-Negative 0.0	
76	St. Regis	11	1116	Hallway	A	Door Trim-Wood-Beige	Intact-Negative 0.0	
77	St. Regis	11	1116	Hallway	C	Baseboard	Intact-Negative 0.0	
78	St. Regis	11	1116	Hallway	-	Ceiling-Drywall-White	Intact-Negative 0.0	
79	St. Regis	11	1116	Bedroom	A	Wall-Drywall-Beige	Intact-Negative 0.0	
80	St. Regis	11	1116	Bedroom	C	Entertainment Cent-Wood-Beige	Intact-Negative 0.0	

**Lead Identification Survey****Page #5 Location: St. Regis Hotel Date: May 31, 2005 Inspector: David Behar AEI Project # 2389-6613**

Sample ID #	Site (Bldg)	Floor	Room	Room Name	Site	Configuration / Material / Color	Condition / Negative Result	
81	St. Regis	11	1116	Bedroom	B	Baseboard-Wood-Beige	Intact-Negative 0.0	
82	St. Regis	11	1116	Bedroom	A	Window Sill-Wood-Beige	Intact-Negative 0.0	
83	St. Regis	11	1116	Bedroom	A	Archway Casing-Wood-Beige	Intact-Negative 0.0	
84	St. Regis	11	1116	Bathroom	A	Wall Trim-Wood-Beige	Intact-Negative 0.0	
85	St. Regis	11	1116	Bathroom	A	Door-wood-Beige	Intact-Negative 0.0	
86	St. Regis	11	1128	Bedroom	D	Wall-Drywall-Beige	Intact-Negative 0.0	
87	St. Regis	11	1128	Bedroom	D	Window Sill-Wood-Beige	Intact-Negative 0.0	
88	St. Regis	11	1128	Bedroom	A	Wall Trim-Wood-Beige	Intact-Negative 0.0	
89	St. Regis	11	1128	Bedroom	A	Baseboard-Wood-Beige	Intact-Negative 0.0	
90	St. Regis	11	1128	Bathroom	A	Wall Trim-Wood-Beige	Intact-Negative 0.0	Wall paper in Bath.
91	St. Regis	11	1128	Bathroom	A	Door-Wood-Beige	Intact-Negative 0.0	
92	St. Regis	11	1128	Hallway Closet	D	Wall Trim-Wood-Beige	Intact-negative 0.0	
93	St. Regis	11	1128	Hallway	D	Air Grate-Metal-Beige	Intact-Negative 0.0	
94	St. Regis	11	1128	Hallway	B	Wall-Drywall-Beige	Intact-negative 0.0	
95	St. Regis	11	1135	Hall 1 Enter	A	Door-Wood-Beige	Intact-Negative 0.0	Entrance Hallway.
96	St. Regis	11	1135	Hall 1 Enter	A	Wall Trim-Wood-Beige	Intact-Negative 0.0	
97	St. Regis	11	1135	Hall 1 Enter	B	Baseboard-Wood-Beige	Intact-Negative 0.0	
98	St. Regis	11	1135	Hall 1 Enter	B	Wall-Drywall-Beige	Intact-Negative 0.0	Paper over drywall
99	St. Regis	11	1135	Living Area	D	Wall-Drywall-Beige	Intact-Negative 0.0	
100	St. Regis	11	1135	Living Area	B	Wall-Drywall-Beige	Intact-Negative 0.0	

**Lead Identification Survey****Page #6 Location: St. Regis Hotel Date: May 31, 2005 Inspector: David Behar AEI Project # 2389-6613**

Sample ID	Site (City)	Fld	Room	Room Name	Side	Component / Material / Color	Condition	Remarks
101	St. Regis	11	1135	Living Area	D	Window Sill-Wood-Beige	Intact-Negative 0.0	
102	St. Regis	11	1135	Living Area	A	Baseboard-Wood-Beige	Intact-Negative 0.0	
103	St. Regis	11	1135	Hall 2	D	Baseboard-Wood-Beige	Intact-Negative 0.0	
104	St. Regis	11	1135	Hall 2	D	Closet Trim-Wood-Beige	Intact-Negative 0.0	
105	St. Regis	11	1135	Hall 2	B	Wall-Drywall-Beige	Intact-Negative 0.0	
106	St. Regis	11	1135	Hall 2	C	Door-Wood-Beige	Intact-Negative 0.0	
107	St. Regis	11	1135	Bathroom 1	C	Wall Trim-Wood-Beige	Intact-Negative 0.0	Off of Hall 2
108	St. Regis	11	1135	Bathroom 1	D	Door Jam-Wood-Beige	Intact-Negative 0.0	
109	St. Regis	11	1135	Hall 1 Enter	-	Ceiling-Drywall-white	Intact-Negative 0.0	
110	St. Regis	11	1135	Bathroom 2	A	Wall-Drywall-Beige	Intact-Negative 0.0	Master Bath.
111	St. Regis	11	1135	Bathroom 2	D	Wall-Drywall-beige	Intact-Negative 0.0	
112	St. Regis	11	1135	Bedroom	B	Wall-Drywall-Beige	Intact-Negative 0.0	
113	St. Regis	11	1135	Bedroom	A	Wall-Drywall-Beige	Intact-Negative 0.0	
114	St. Regis	11	1135	Bedroom	B	Entertainment Cent-Wood-Beige	Intact-Negative 0.0	
115	St. Regis	11	1135	Bedroom	A	Door-Wood-Beige	Intact-Negative 0.0	
116	St. Regis	10	1003	Living Area	D	Wall-Drywall-Beige	Intact-Negative 0.0	
117	St. Regis	10	1003	Living Area	B	Wall-Drywall-Beige	Intact-Negative 0.0	
118	St. Regis	10	1003	Living Area	B	Window Sill-Wood-Beige	Intact-Negative 0.0	
119	St. Regis	10	1003	Living Area	B	Baseboard-Wood-Beige	Intact-Negative 0.0	
120	St. Regis	10	1003	Living Area	D	Wall Trim-Wood-Beige	Intact-Negative 0.0	

**Lead Identification Survey**

**Page #7 Location: St. Regis Hotel Date: May 31, 2005 Inspector: David Behar AEI Project # 2389-6613**

Sample ID	Site (Bldg)	Floor	Room	Room Name	Style	Component / Material / Color	Condition	Notes
121	St. Regis	10	1003	Hall 1	C	Wall-Drywall-Beige	Intact-Negative 0.0	Entrance Hall.
122	St. Regis	10	1003	Hall 1	D	Wall-Drywall-Beige	Intact-Negative 0.0	
123	St. Regis	10	1003	Hall 1	C	Baseboard-Wood-Beige	Intact-Negative 0.0	
124	St. Regis	10	1003	Hall 1	A	Door-Wood-Beige	Intact-Negative 0.0	
125	St. Regis	10	1003	Bathroom 1	A	Door-Wood-Beige	Intact-Negative 0.0	Off Hall 1.
126	St. Regis	10	1003	Bathroom 1	C	Wall-Drywall-Beige	Intact-Negative 0.0	
127	St. Regis	10	1003	Bathroom 1	D	Wall Trim-Wood-Beige	Intact-Negative 0.0	
128	St. Regis	10	1003	Bedroom	B	Wall-Drywall-Beige	Intact-Negative 0.0	
129	St. Regis	10	1003	Bedroom	D	Wall-Drywall-Beige	Intact-Negative 0.0	
130	St. Regis	10	1003	Bedroom	D	Window Sill-Wood-Beige	Intact-Negative 0.0	
131	St. Regis	10	1003	Bedroom	D	Baseboard-Wood-Beige	Intact-Negative 0.0	
132	St. Regis	10	1003	Hall 2	C	Wall-Drywall-Beige	Intact-Negative 0.0	
133	St. Regis	10	1003	Bathroom 2	C	Wall Trim-Wood-Beige	Intact-Negative 0.0	Master Bath.
134	St. Regis	10	1003	Bathroom 2	-	Ceiling-Drywall-White	Intact-Negative 0.0	
135	St. Regis	10	1003	Bathroom 2	B	Window Sill-Wood-Beige	Intact-Negative 0.0	
136	St. Regis	10	1005	Hallway	B	Wall-Drywall-Beige	Intact-Negative 0.0	
137	St. Regis	10	1005	Hallway	D	Wall-Drywall-Beige	Intact-Negative 0.0	
138	St. Regis	10	1005	Hallway	A	Door-Wood-Beige	Intact-Negative 0.0	
139	St. Regis	10	1005	Hallway	B	Baseboard-Wood-Beige	Intact-Negative 0.0	
140	St. Regis	10	1005	Bedroom	A	Wall-Drywall-Beige	Intact-Negative 0.0	

**Lead Identification Survey**

**Page #8 Location: St. Regis Hotel Date: May 31, 2005 Inspector: David Behar AEI Project # 2389-6613**

Sample ID #	Site Name	Floor	Room	Room Name	Site	Material / Surface / Color	Result
141	St. Regis	10	1005	Bedroom	C	Wall-Drywall-Beige	Intact-Negative 0:0
142	St. Regis	10	1005	Bedroom	C	Baseboard-Wood-Beige	Intact-Negative 0:0
143	St. Regis	10	1005	Bedroom	C	Window Sill-Wood-Beige	Intact-Negative 0:0
144	St. Regis	10	1005	Bathroom	-	Ceiling-Drywall-White	Intact-Negative 0:0
145	St. Regis	10	1005	Bed/Bath	B	Archway Casing-Wood-Beige	Intact-Negative 0:0
146	St. Regis	10	1021	Hallway	A	Door-Wood-Beige	Intact-Negative 0:0
147	St. Regis	10	1021	Hallway	D	Wall-Drywall-Beige	Intact-Negative 0:0
148	St. Regis	10	1021	Bathroom 1	C	Wall Trim-Wood-Beige	Intact-Negative 0:0
149	St. Regis	10	1021	Bathroom 1	A	Door Jam-Wood-Beige	Intact-Negative 0:0
150	St. Regis	10	1021	Living Area	A	Wall-Drywall-Beige	Intact-Negative 0:0
151	St. Regis	10	1021	Living Area	C	Wall-Drywall-Beige	Intact-Negative 0:0
152	St. Regis	10	1021	Living Area	B	Baseboard-Wood-Beige	Intact-Negative 0:0
153	St. Regis	10	1021	Living Area	C	Window Sill-Wood-Beige	Intact-Negative 0:0
154	St. Regis	10	1021	Bedroom	B	Wall-Drywall-Beige	Intact-Negative 0:0
155	St. Regis	10	1021	Bedroom	D	Wall-Drywall-Beige	Intact-Negative 0:0
156	St. Regis	10	1021	Bedroom	D	Window Sill-Drywall-Beige	Intact-Negative 0:0
157	St. Regis	10	1021	Bedroom	A	Archway Trim-Wood-Beige	Intact-Negative 0:0
158	St. Regis	10	1021	Bedroom	B	Baseboard-Wood-Beige	Intact-Negative 0:0
159	St. Regis	10	1021	Bathroom 2	D	Wall Trim-Wood-Beige	Intact-Negative 0:0
160	St. Regis	10	1021	Bathroom 2	-	Ceiling-Drywall-White	Intact-Negative 0:0